component;

separating the asynchronous component from the synchronous component;

classifying a data condition based on the asynchronous component;

selecting a data compression scheme based on the data condition; and

compressing the asynchronous component and the synchronous component based
on the data compression scheme selected.

[c41]   41. A method as set forth in claim 40, wherein data compression scheme
comprises a lossy process and a lossless process, and wherein the method further
comprises the act of processing the asynchronous component and the synchronous
component using a one of the lossy process and the lossless process.

[c42]   42. A method as set forth in claim 41, wherein the act of selecting of a data
manipulation process includes classifying an abnormality condition of the
asynchronous component.

[c43]   43. A method as set forth in claim 41, wherein the data compression scheme is a
lossy process.

[c44]   44. A method as set forth in claim 40, wherein the data compression scheme is a
lossless process.